Ann	ual Examination 2016-17	MA	MATH		Hydera and Poard	
	Mariata	Section	MAM	0100		
Q-01	Choose the corbed	ole Choine Que tanguer for each	h from the air	ien antion		
(i)	If x3 +4x2 - 78 + B 5	divided by x - 1	, then remainde	er is	1917	
(ii) \(\)	134 WIN 11 7	(b) -1 ,90, the range(R)	(G) ((d) 2	
	(a) 35	(b) 10	(c) 100		(d) 90	
(iii)	The central angle of a minor arc is than the inscribed angle of its corresponding major arc.					
	(a) Less	(b) Double	(c) Half		(d) None	
(iv)	If Set A contains 7	elements and se	t B contains 3	elements,	then A x B	
	contains ord (a) 12	der pairs. (b) 21	(c) 3		(d) 7	
(v)	$x^4 - 0.4 x^2 + 0.04 =$		(h) /v = 0	1 2\2		
	(a) $(x^2 - 0.2)^2$ (c) $(x^2 + 0.2)^2$		(b) $(x - 0.2)^2$ (d) $(x^2 + 0.2)(x^2 - 0.2)$			
(vi)	$\sqrt{1-\sin^2(mZA)} = $		(-)		,	
(AI)	(a) $1 - \sin(m\angle A)$		(b) $\sqrt{1-}$	sin (mZA)	
	(c) Cos (m∠A)	(d) cose				
(vii)		ment of 1st row a	and 2nd column	is		
Lun	[C a]		(c) c		(d) d	
	(a) a	(b) b	(0) 0		(0) 0	
(viii)	$4\sqrt{81} = $ (a) 2	(b) 3	(c) 9		(d) 4	
(ix)	The roots of the e		$-C=0.a\neq0$	are	TILE	
1-7	h+1/62	and the same of th	(b)	b±√	3°-4ac	
	(a) 2a	Lind	This.	28		
		MKIY		h+Vh2	Aac .	
	(c) -b ± V b2+2	lac	(d)	b ± √ b².	700	
V	2a			28		
(x)	25 = 32 in logarith	mic form is	propie			
, ,	(a) log ₂ 5 = 32	(b) logs 2 = 32	2 (c) Log2	32=5	(d) logs32= 5	
(xi)	The mantissa of t	he logarithm is _	(a) Both	a & B	(d) None	
(xii)	(a) positive If non-common a	rms of two adiac	ent angles are	collinear,	they are	
(vii)	(a) Complementa	ry Angles	(b) Supplement	netary Ang	les	
	(c) Vertical Angle	S	(d) Altermate	Angles		
(xiii)	The ratio a ½ : b		ub-duplicate ra (c) a ² :	allo of	(d) a ^{1/4} b ^{1/4}	
(xiv)	(a) a:b Every plane cont	ains at least			(4)	
(via)	(a) 2	(b) 3	(c) 4	nima	(d) None	
(XV)	The degree or the	e polynomial x4y	$+ y^2 + y^3$ is		-0-	
	(a) 2	(b) 3	(c) 4	- PP	11/19/	
			Man	3)066	70 -	
	, 5 6	7786	MANA	<i></i>		
(IVX)	IT 3 -1 then At	MALLANDE				
	if a:b = c:d, then b: (a) Altermando	1 -11 -11	1015	3	van 1-1 61	
7	M 3 13	(D) 5 6	(c) 6 -	1	(0) 3 5	
(xvii)	if a:b = c:d, then b:	a = d : c this pro	perties of prop	portion is	alled	
	(a) Altermando	(b) Componer	ndo (c) Divid	lendo	(d)	
Inverte	endo A series contains v	raluae 14 14 14	14 14 14 14 1	4 its stand	dard deviation	
(watti)	is	(AIAOO 17, 17, 17,	14141414141	r, no start	ANIA NOVIGUIOII	
	(a) 4	(b) 1	4 /		(d) -2.10	
(xix)	A perpendicualr fro	om the vertex to	the opposite s	ide of a tr	angle is	
	(a) Altitude	(b) Hypotenus	a (a) Mad	ian	(d) None	
(xx)	The value of sec 3		, ,	lall	* *	
in A						
	(a) 2	(b) √2	(c) 2		(d) 1	
	10	1-1-12	(-) -		2	
	15					